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Scottoiler SO-6030AM

Scottoiler Essentials Micro-vSystem Automatic Motorcycle Chain Oiler Instruction Manual

Model: SO-6030AM

INTRODUCTION

The Scottoiler Essentials Micro-vSystem is an automatic chain lubrication system designed to enhance the lifespan and performance of your motorcycle chain and sprockets. This vacuum-operated mechanical oiler provides consistent lubrication, reducing the need for frequent manual chain maintenance.

Key benefits include:

- Significantly increased chain and sprocket life.
- Reduced chain maintenance.
- Clean lubrication without excessive mess.
- Optimized performance and efficiency.

- **Vacuum operated mechanical automatic chain oiler**
- **Manual flowrate adjustment**
- **35ml/1.2fl oz. reservoir - 750miles/1,200km of lubrication**
- **Eliminates the need for manual chain maintenance**
- **Extend the life of your chain and sprockets**
- **Quick and easy installation**



Image: Scotttoiler Micro-vSystem features, illustrating its benefits for motorcycle chain maintenance.

PACKAGE CONTENTS

Before beginning installation, ensure all components are present in your Scotttoiler Essentials Micro-vSystem kit:

- Scotttoiler Micro-vSystem reservoir unit.
- Oil dispenser assembly.
- Vacuum tubing and connectors.
- Mounting hardware (brackets, zip ties, adhesive pads).
- Scottoil lubricant (not included in all kits, check packaging).



Image: All components included in the Scottoiler Micro-vSystem kit.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Scottoiler Micro-vSystem. Follow these steps carefully:

- 1. Identify a Vacuum Source:** The vSystem operates by drawing a vacuum from your motorcycle's engine. Locate a suitable vacuum port on your engine's intake manifold or carburetor. Consult your motorcycle's service manual for specific locations.
- 2. Mount the Reservoir:** Choose a secure, upright location for the reservoir unit, away from direct heat and moving parts. Ensure it is easily accessible for refilling and flow rate adjustment. Common locations include under the seat, near the frame, or within fairings. Use the provided mounting hardware to secure the reservoir.
- 3. Connect Vacuum Tubing:** Cut the vacuum tubing to the required length. Connect one end to the vacuum port on your engine and the other to the vacuum inlet on the Scottoiler reservoir. Ensure a tight, secure fit to prevent leaks.
- 4. Install the Dispenser:** Attach the oil dispenser to the swingarm or chain guard, ensuring the dispenser nozzle is positioned to deliver oil to the inner plate of the chain, just before the rear sprocket. The nozzle should be approximately 2-5mm from the chain. Use the provided adhesive pads or zip ties for secure placement.
- 5. Route the Oil Delivery Tube:** Route the oil delivery tube from the reservoir to the dispenser, avoiding kinks, sharp bends, and contact with hot engine parts or moving components. Secure the tube with zip ties or clips along its path.
- 6. Fill the Reservoir:** Remove the filler plug from the reservoir. Carefully fill the reservoir with Scottoil lubricant. Do not overfill. Replace the filler plug securely.
- 7. Prime the System:** To ensure oil flows through the system, you may need to prime it. With the engine running, adjust the flow rate to its maximum setting (usually by turning a dial). Observe the dispenser nozzle for oil flow. Once oil begins to drip, the system is primed.



Image: Correct positioning of the oil dispenser nozzle for effective chain lubrication.

Installation Video Guide

Your browser does not support the video tag.

Video: Detailed installation and overview of the Scottoiler Essentials Micro-vSystem.

Your browser does not support the video tag.

Video: Explainer video demonstrating the benefits and basic operation of the Scottoiler system.

OPERATING INSTRUCTIONS

The Scottoiler Micro-vSystem is designed for automatic operation once installed and adjusted. The flow rate of the lubricant is controlled by a dial on the reservoir unit.

- 1. Adjusting Flow Rate:** The flow rate is adjusted by rotating the dial on the top of the reservoir. Turn the dial clockwise for a slower flow rate (fewer drops per minute) and counter-clockwise for a faster flow rate (more drops per minute). Start with a low setting and increase gradually if needed.
- 2. Optimal Flow Rate:** The ideal flow rate is typically one drop per minute when the engine is running at idle. This may vary depending on riding conditions (e.g., wet weather, dusty roads) and personal preference. Monitor your chain for optimal lubrication without excessive fling-off.
- 3. Automatic Activation:** The system automatically activates when the engine is running and creates a vacuum. When the engine is off, the vacuum ceases, and the oil flow stops.



Image: The Scottoiler vSystem reservoir, showing the manual flow rate adjustment dial.

MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your Scottoiler Micro-vSystem.

1. **Refilling the Reservoir:** Check the oil level regularly. When the reservoir is low, remove the filler plug and top up with Scottoil lubricant. Ensure the correct type of Scottoil (Standard or High-Temperature) is used based on ambient temperatures.
2. **Cleaning the Dispenser Nozzle:** Periodically inspect the dispenser nozzle for any blockages or build-up. Clean with a cloth if necessary.
3. **Checking Tubing:** Inspect all tubing for kinks, cracks, or damage. Replace any damaged sections to maintain proper oil flow and vacuum.
4. **Oil Cup Circlip Removal:** For thorough cleaning or component replacement, the oil cup circlip may need to be removed. Refer to the specific video guide for this procedure.

Oil Cup Circlip Removal Video Guide

Your browser does not support the video tag.

Video: Instructions for safely removing the oil cup circlip for maintenance or cleaning.

TROUBLESHOOTING

If you encounter issues with your Scottoilier Micro-vSystem, consider the following common problems and solutions:

- **No Oil Flow:**

- Check reservoir oil level.
- Ensure vacuum tubing is securely connected and free of kinks.
- Verify dispenser nozzle is not blocked.
- Confirm engine is running and creating sufficient vacuum.
- Ensure the system is properly primed.

- **Excessive Oil Flow/Fling-off:**

- Adjust the flow rate dial to a slower setting (clockwise).
- Ensure the dispenser nozzle is correctly positioned (2-5mm from the chain).

- **Oil Leaks:**

- Check all connections for tightness.
- Inspect tubing and reservoir for cracks or damage.
- Ensure filler plug is securely tightened.

SPECIFICATIONS

Feature	Detail
Brand	Scottoilier
Model	SO-6030AM
Item Weight	11.4 ounces
Product Dimensions	7.1 x 7.1 x 2.4 inches
Reservoir Volume	35ml (approximately 750 miles range)
Operation Type	Vacuum-operated mechanical
Flow Rate Adjustment	Manual dial
UPC	724722000505
Vehicle Service Type	Motorcycle
Automotive Fit Type	Universal Fit

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Scottoilier website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: Scottoilier

Contact: Visit the [Scottoilier Store](#) for more information and support resources.

